

What is claimed is:

1. A method for producing a 3-methylthiopropenal, the method comprising the step of supplying an acrolein and a methyl mercaptan together or sequentially with an acidic compound and  
5 a basic compound into a reaction system to react the acrolein with the methyl mercaptan, wherein the basic compound is used in an amount of about 0.3 mol or less per mol of the acidic compound.
2. The method according to claim 1, wherein the acrolein and the methyl mercaptan are supplied together with the acidic  
10 compound and the basic compound into the reaction system.
3. The method according to claim 2, wherein the acidic compound and basic compound are previously mixed with each other before being supplied into the reaction system.
4. The method according to any one of claims 1 to 3,  
15 wherein the basic compound is used in an amount of from 0.05 to about 0.3 mol, per mol of the acidic compound.
5. The method according to claim 4, wherein the basic compound is used in an amount of from 0.1 to about 0.25 mol, per mol of the acidic compound.